

### In The Drawings

A replacement drawings for Figs. 3, 4 and 5 (3 sheets) are attached to replace the originally filed Figs. 3-5. To make the Figures larger they have been spread out over an extra page.

These figures have been formalized, but no substantive changes have been made to the drawings.

### REMARKS

Claims 1, 3-9, 11, 24, 28, 32 and 34-40 are pending. By the forgoing amendment, claims 3, 6, 9, 32, 40 and 41 have been amended. Claims 42-48 have been added. Support for the added claims can be found at page 11, lines 20-21 (claim 42); page 9, line 9 through page 10, line 24 (claims 43-48); and elsewhere in the specification. Replacement figures have been submitted as requested.

#### Rejections Under 35 U.S.C. §112, Second Paragraph

As suggested by the Examiner, claim 3 has been amended to recite "is attached to." The claim is not prolix because it specifies that the system includes a tethered catalyst, not merely a tethered chiral auxiliary.

A "porous insert" is discussed on page 11 of the specification. It can be inserted into (or removed from) a microchannel in a single piece.

Claim 6 has been amended as suggested.

Claim 9 has been amended as suggested. Claim 7 need not be amended because it refers to "a" solid support; this claim can be clearly understood and would not be clarified by adding an indefinite article before each element of the Markush group.

The surface oxygen in claim 8 does not lack antecedent basis.